


SEE SHEET 2 FOR LOAD BANK MOUNTING INSTRUCTIONS & DESIGN NOTES

5. AS A GENERAL GUIDE, PROVIDE 48" [1219] CLEARANCE ON ALL SIDES.
4. VERTICAL EXHAUST HOODS ARE TO BE FIELD INSTALLED.
3. LOAD BANK IS ELEVATED TO ALLOW UNOBSTRUCTED FAN INTAKE AIR. DO NOT BLOCK LOWER SIDES.
2. ALL DIMENSIONS ARE APPROX IN INCHES [mm].
1. WEIGHT 9,200 LBS [4173 KG] .

UNLESS OTHERWISE SPECIFIED ABOVE NOTES APPLY.

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF AVTRON AND MAY NOT BE DISCLOSED TO OTHERS OR USED FOR MANUFACTURING PURPOSES WITHOUT THE WRITTEN CONSENT OF AVTRON

NEXT ASSY	USED ON	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN R.RAYNER	DATE 11/21/11	 <div>7900 E. PLEASANT VALLEY ROAD INDEPENDENCE, OH 44131-5529</div>	
TOLERANCES		CHECKED J.FLAUTO	11/21/11		
ANGLES ±1°		APP'D ENG J.EMERY	11/22/11	LOAD BANK, OUTDOOR, RESISTIVE	
DECIMALS .XX ±0.03 .XXX ±0.015		APP'D PROD R.SUTICH	11/22/11		
FINISH					
PAINT PER PS					
PLATE PER PS					
COAT PER PS					
ANODIZE PER					
OTHER					
				SIZE B	CAGE NO. 01014
				DWG NO. SB4819	REV
				SCALE NONE	MODEL LSV3000
				SHEET 1 OF 2	

LOAD BANK MOUNTING INSTRUCTIONS:

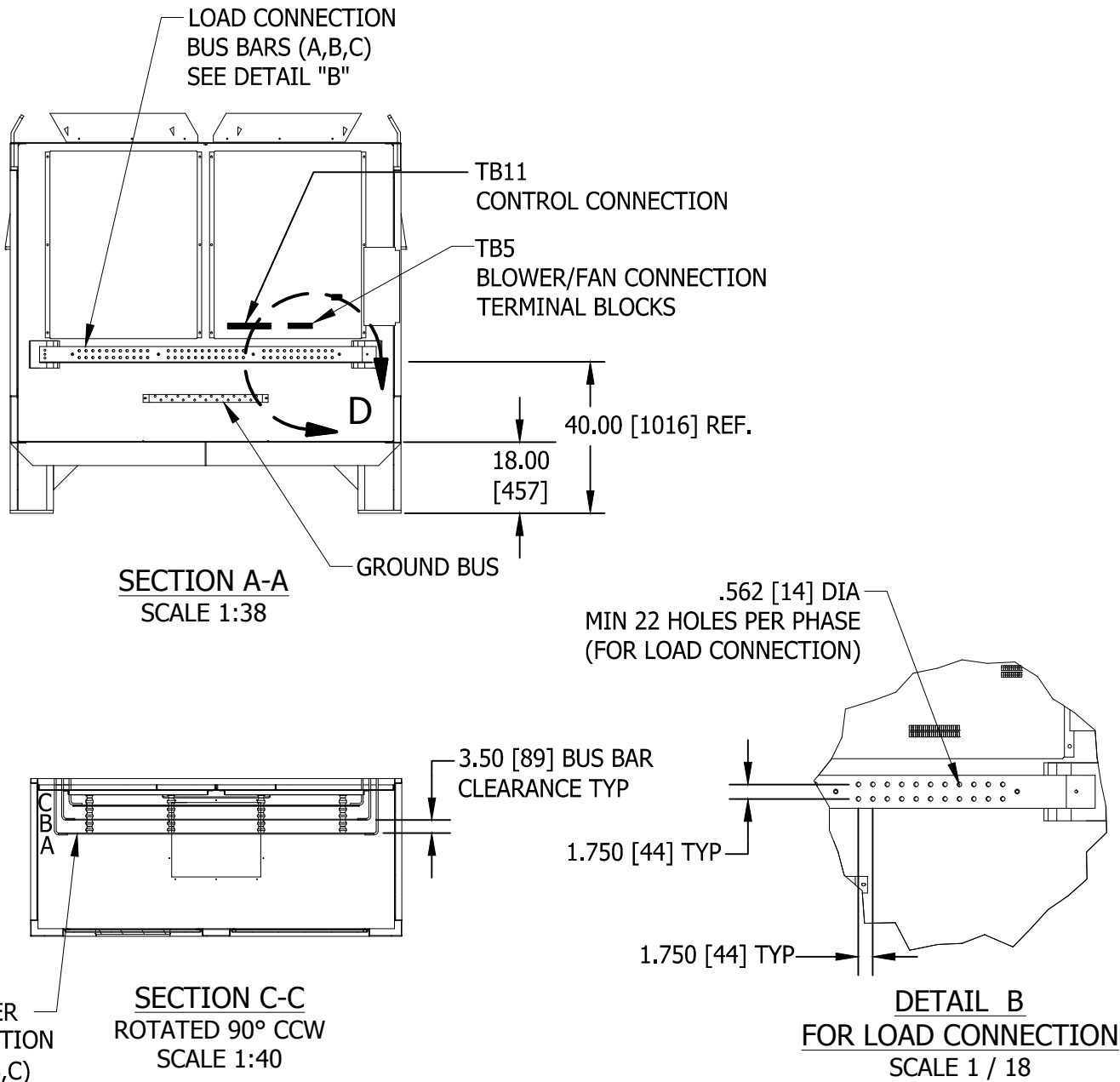
- A) ANCHOR BOLTS SHALL BE ACQUIRED AND INSTALLED BY OTHERS.
THESE NOTES ARE GUIDELINES TO BE REVIEWED BY SITE CIVIL
ENGINEER OR FOUNDATION DESIGNER FOR MOUNTING OF LOAD BANK.
- B) IF MOUNTING INTO CONCRETE, ANCHOR BOLTS SHALL BE 3/4" DIA BY 8"
LONG STAINLESS STEEL EXPANSION (WEDGE) ANCHORS. USE HILTI KWIK
BOLT-3 OR TYPE REFERENCE: "KB-TZ SS304 3/4x8" OR APPROVED EQUIVALENT.
- C) CORROSION RESISTANT ANCHOR BOLT SHALL BE INSTALLED PER
VENDOR SUPPLIED INSTRUCTIONS.
- D) ANCHOR BOLT SHALL HAVE 2" PROJECTION ABOVE CONCRETE AFTER INSTALLATION.
- E) PROVIDE A MINIMUM OF 12" EDGE DISTANCE FROM ANCHOR BOLT TO EDGE OF CONCRETE.
- F) FOUNDATION DESIGNER AND/OR CIVIL ENGINEER SHALL REVIEW INSTALLATION. CAST IN
PLACE (PRESET) OR EPOXY ANCHORS, IF USED, ARE TO BE SPECIFIED AND APPROVED BY OTHERS.
- G) CONCRETE PAD TO BE PER STRUCTURAL DESIGNER, ARCHITECT OR ENGINEER
BUT MUST MEET THE FOLLOWING:
PAD TO BE LEVEL TO WITHIN 1/2" AT MOUNTING POINTS OVER LENGTH OF LOAD BANK
PAD SHOULD BE PITCHED OR SLOPED TO PREVENT STANDING WATER UNDER LOAD BANK.
CONCRETE TO BE CURED MINIMUM 14 DAYS BEFORE INSTALLATION. CONCRETE COMPRESSIVE
STRENGTH RATING OF 3,000 PSI MINIMUM.
- H) LOAD IS DRISTIBUTED OVER FOUR MOUNTING PADS. WEIGHT SHOWN ON SHEET 1 DOES NOT INCLUDE
SNOW, WIND OR ANCHORING LOADS.
- I) MOUNTING PADS AT BASE ARE 8" BY 8" BY 0.75" THICK ASTM A36 STEEL WITH 1.25" CLEARANCE
HOLE FOR ANCHORS.
- J) IF MOUNTED TO A STEEL BEAM OR COLUMN, USE 3/4" DIA. STAINLESS STEEL HARDWARE OR
5/8" DIA. PLATED STEEL MINIMUM GRADE FIVE.

LOAD BANK DESIGN NOTES

1. LOAD BANK IS RATED 3000KW AT 480VAC, 3PH, 60HZ, WITH 50KW RESOLUTION.
2. LOAD BANK PROVIDED WITH REMOTE CONTROL PANEL WITH METERING.
SEE SEPARATE DRAWING.
3. LOAD BANK IS A LOW NOISE VERSION WITH SIX CONTINENTAL FAN MANUFACTURING, INC.
ELTA MODEL 030/350/12/33 FANS. SEE SPECIFICATION SHEET. DESIGNED TO PROVIDE AN
ESTIMATED SOUND PRESSURE READING OF 75dB(A) @ FIVE FEET. THIS READING IS THE
COLLECTIVE AVERAGE OF FOUR READINGS AROUND PERIMETER. READING BASED ON A
SEMI-FREE FIELD (Q=2).

UNLESS OTHERWISE SPECIFIED ABOVE NOTES APPLY.

REVISION				
ECN NO.	REV	DESCRIPTION		DATE
LA0844	A	REVISE NOTE 3	R.RAYNER	12/8/11
		J.EMERY		



FOR APPLICATION ENGINEERING USAGE ONLY

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	SIZE	CAGE NO.	DWG NO.	REV
	B	01014	SB4819	
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	NONE	LSV3000	2 OF 2	